

**DECLARATION FOR PATENT APPLICATION**

As below named inventor(s)

KENNETH C. KERN	GEORGE P. CHARLES	CHRISTOPHER F. SULLIVAN	ANDREW D. SULLIVAN
HOWARD H. SHIEL	JOHN M. RIGHI	MICHAEL A. HAYES	DANIEL H. MASON

We/I hereby declare that residence, post office address and citizenship are as stated on page 2.

We/I believe we/I are the original, first and joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled PROCESS UNIT MONITORING TOOLSET, the specification of which(check one) ☒ is attached hereto.☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

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We/I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s)****Priority Claimed**

(Number)

(Country)

(Day/Month/Year Filed)

☐  
Yes☐  
No

We/I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we/I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

We/I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

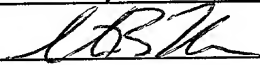
POWER OF ATTORNEY: As named inventor(s), we/I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**NAMES****REGISTRATION NUMBERS**Ronald D. Hantman  
Paul E. Purwin27,796  
29,203**SEND CORRESPONDENCE TO:**EXXONMOBIL RESEARCH AND ENGINEERING COMPANY  
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(Name and Telephone Number)RONALD D. HANTMAN  
(908) 730-3645

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME KERN	FIRST NAME KENNETH	MIDDLE NAME C.
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Inventor's Signature



Date 25 JAN 2002

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POST OFFICE ADDRESS	POST OFFICE ADDRESS 10248 Appalachian Circle #E2	CITY Oakton	STATE OR COUNTRY Virginia ZIP CODE 22124

Inventor's Signature

Date

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME <b>RIGHI</b>	FIRST NAME <b>JOHN</b>	MIDDLE NAME <b>M.</b>	
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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>HAYES</b>	FIRST NAME <b>MICHAEL</b>	MIDDLE NAME <b>A.</b>	
RESIDENCE & CITIZENSHIP	CITY <b>Warrenton</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>		COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>6221 Mint Springs Drive</b>	CITY <b>Warrenton</b>	STATE OR COUNTRY <b>Virginia</b>	ZIP CODE <b>20187</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>MASON</b>	FIRST NAME <b>DANIEL</b>	MIDDLE NAME <b>H.</b>	
RESIDENCE & CITIZENSHIP	CITY <b>Falls Church</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>		COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>310 Bishops Court</b>	CITY <b>Falls Church</b>	STATE OR COUNTRY <b>Virginia</b>	ZIP CODE <b>22046</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP
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## NAMES

## REGISTRATION NUMBERS

Ronald D. Hantman  
Paul E. Purwin27,796  
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(Name and Telephone Number)RONALD D. HANTMAN  
(908) 730-3645

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FULL NAME OF INVENTOR	LAST NAME <b>KERN</b>	FIRST NAME <b>KENNETH</b>	MIDDLE NAME <b>C.</b>
By Steven Kern, Executor for the estate of Kenneth Kern, deceased			
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POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>941 Morello Way</b>	CITY <b>St. Leonard</b>	STATE OR COUNTRY <b>Maryland</b> ZIP CODE <b>20685</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>CHARLES</b>	FIRST NAME <b>GEORGE</b>	MIDDLE NAME <b>P.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Glen Mills</b>	STATE OR FOREIGN COUNTRY <b>Pennsylvania</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>14 Annesley Drive</b>	CITY <b>Glen Mills</b>	STATE OR COUNTRY <b>Pennsylvania</b> ZIP CODE <b>19342</b>

Inventor's Signature George P. CharlesDate Jan. 23, 2002

FULL NAME OF INVENTOR	LAST NAME <b>SULLIVAN</b>	FIRST NAME <b>CHRISTOPHER</b>	MIDDLE NAME <b>F.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Alexandria</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>6230 Split Creek Lane</b>	CITY <b>Alexandria</b>	STATE OR COUNTRY <b>Virginia</b> ZIP CODE <b>22312-3979</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>SULLIVAN</b>	FIRST NAME <b>ANDREW</b>	MIDDLE NAME <b>D.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Billings</b>	STATE OR FOREIGN COUNTRY <b>Montana</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>2110 St. Johns Avenue</b>	CITY <b>Billings</b>	STATE OR COUNTRY <b>Montana</b> ZIP CODE <b>59102</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>SHIEL</b>	FIRST NAME <b>HOWARD</b>	MIDDLE NAME <b>H.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Oakton</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>10248 Appalachian Circle #E2</b>	CITY <b>Oakton</b>	STATE OR COUNTRY <b>Virginia</b> ZIP CODE <b>22124</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

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Date \_\_\_\_\_

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Ronald D. Hantman	27,796
Paul E. Purwin	29,203

**SEND CORRESPONDENCE TO:**EXXONMOBIL RESEARCH AND ENGINEERING COMPANY  
(formerly Exxon Research and Engineering Company)  
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Annandale, New Jersey 08801-0900**DIRECT TELEPHONE CALLS TO:**  
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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>CHARLES</b>	FIRST NAME <b>GEORGE</b>	MIDDLE NAME <b>P.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Glen Mills</b>	STATE OR FOREIGN COUNTRY <b>Pennsylvania</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>SULLIVAN</b>	FIRST NAME <b>CHRISTOPHER</b>	MIDDLE NAME <b>F.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Alexandria</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
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FULL NAME OF INVENTOR	LAST NAME <b>SULLIVAN</b>	FIRST NAME <b>ANDREW</b>	MIDDLE NAME <b>D.</b>
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POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>2110 St. Johns Avenue</b>	CITY <b>Billings</b>	STATE OR COUNTRY <b>Montana</b> ZIP CODE <b>59102</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>SHIEL</b>	FIRST NAME <b>HOWARD</b>	MIDDLE NAME <b>H.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Oakton</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
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Inventor's Signature Howard H. ShielDate 1/15/2002



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FULL NAME OF INVENTOR	LAST NAME <b>HAYES</b>	FIRST NAME <b>MICHAEL</b>	MIDDLE NAME <b>A.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Warrenton</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
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Inventor's Signature Michael A HayesDate 1/18/2002

FULL NAME OF INVENTOR	LAST NAME <b>MASON</b>	FIRST NAME <b>DANIEL</b>	MIDDLE NAME <b>H.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Falls Church</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
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			ZIP CODE <b>22046</b>

Inventor's Signature [Signature]Date Jan 31, 2002

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and was amended on \_\_\_\_\_ (if applicable).

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We/I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We/I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>	
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

We/I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we/I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

We/I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)

POWER OF ATTORNEY: As named inventor(s), we/I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

NAMES	REGISTRATION NUMBERS
Ronald D. Hantman	27,796
Paul E. Purwin	29,203

<b>SEND CORRESPONDENCE TO:</b> EXXONMOBIL RESEARCH AND ENGINEERING COMPANY (formerly Exxon Research and Engineering Company) P. O. Box 900 Annandale, New Jersey 08801-0900	<b>DIRECT TELEPHONE CALLS TO:</b> (Name and Telephone Number) RONALD D. HANTMAN (908) 730-3645
---	---

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME KERN	FIRST NAME KENNETH	MIDDLE NAME C.
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			ZIP CODE 22015

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME CHARLES	FIRST NAME GEORGE	MIDDLE NAME P.
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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME CHRISTOPHER	MIDDLE NAME F.
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Inventor's Signature Andrew D. SulliDate 1/16/02

FULL NAME OF INVENTOR	LAST NAME SHIEL	FIRST NAME HOWARD	MIDDLE NAME H.
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			ZIP CODE 22124

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME <b>RIGHI</b>	FIRST NAME <b>JOHN</b>	MIDDLE NAME <b>M.</b>
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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>HAYES</b>	FIRST NAME <b>MICHAEL</b>	MIDDLE NAME <b>A.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Warrenton</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>6221 Mint Springs Drive</b>	CITY <b>Warrenton</b>	STATE OR COUNTRY <b>Virginia</b>
			ZIP CODE <b>20187</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>MASON</b>	FIRST NAME <b>DANIEL</b>	MIDDLE NAME <b>H.</b>
RESIDENCE & CITIZENSHIP	CITY <b>Falls Church</b>	STATE OR FOREIGN COUNTRY <b>Virginia</b>	COUNTRY OF CITIZENSHIP <b>U.S.A.</b>
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			ZIP CODE <b>22046</b>

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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			ZIP CODE

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

**DECLARATION FOR PATENT APPLICATION**

As below named inventor(s)

KENNETH C. KERN	GEORGE P. CHARLES	CHRISTOPHER F. SULLIVAN	ANDREW D. SULLIVAN
HOWARD H. SHIEL	JOHN M. RIGHI	MICHAEL A. HAYES	DANIEL H. MASON

We/I hereby declare that residence, post office address and citizenship are as stated on page 2.

We/I believe we/I are the original, first and joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled PROCESS UNIT MONITORING TOOLSET, the specification of which(check one) ☒ is attached hereto.☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

We/I hereby state that we/I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We/I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We/I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)Priority Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐  
Yes☐  
No

We/I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we/I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

We/I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

POWER OF ATTORNEY: As named inventor(s), we/I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

## NAMES

## REGISTRATION NUMBERS

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We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's Signature \_\_\_\_\_

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FULL NAME OF INVENTOR	LAST NAME <b>CHARLES</b>	FIRST NAME <b>GEORGE</b>	MIDDLE NAME <b>P.</b>
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Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>SULLIVAN</b>	FIRST NAME <b>CHRISTOPHER</b>	MIDDLE NAME <b>F.</b>
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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

FULL NAME OF INVENTOR	LAST NAME <b>SULLIVAN</b>	FIRST NAME <b>ANDREW</b>	MIDDLE NAME <b>D.</b>
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FULL NAME OF INVENTOR	LAST NAME <b>SHIEL</b>	FIRST NAME <b>HOWARD</b>	MIDDLE NAME <b>H.</b>
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Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME RIGHI	FIRST NAME JOHN	MIDDLE NAME M.
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Inventor's Signature

Date

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Inventor's Signature

Date

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RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY

Inventor's Signature

Date

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY

Inventor's Signature

Date